

09/09/03 770

L Number	Hits	Search Text	DB	Time stamp
1	107	(laundry or laundering) same (additive or aid or article or substrate or sachet or sheet or bag or pouch\$2) and (fiber or fibre) same (polypropylene or polyethylene or polyamide or terephthalate) and dye near5 (transfer or absorb\$5 or inhibit\$4) same (substrate or web or woven or nonwoven or sheet)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/09 12:47
2	272	(laundry or laundering) same (additive or aid or article or substrate or sachet or sheet or bag or pouch\$2 or web or woven or nonwoven) and (fiber or fibre) same (polypropylene or polyethylene or polyamide or terephthalate) and (polyethyleimine or pyridine or pvno or imidazole or oxazolidone or polyvinylpyrrolidone or chitin or chitosan or polyamine near3 oxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/09 13:21
3	89	(laundry or laundering) same (additive or aid or article or substrate or sachet or sheet or bag or pouch\$2 or web or woven or nonwoven) and (fiber or fibre) same (polypropylene or polyethylene or polyamide or terephthalate) and (polyethyleimine or pyridine or pvno or imidazole or oxazolidone or polyvinylpyrrolidone or chitin or chitosan or polyamine near3 oxide) same dye near5 (absorb\$5 or transfer or inhibit\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/09 13:29

09/828, 740

=> d his

(FILE 'HOME' ENTERED AT 11:11:28 ON 09 SEP 2003)

FILE 'CA' ENTERED AT 11:11:46 ON 09 SEP 2003

L1 0 S (LAUNDRY OR LAUNDERING) (P) (AID OR ADDITIVE OR
SACHET) (P) (POLY
L2 5 S (LAUNDRY OR LAUNDERING) (P) (AID OR ADDITIVE OR SACHET) AND
(PO

FILE 'USPATFULL' ENTERED AT 11:17:53 ON 09 SEP 2003

L3 3 S L1
L4 32 S (LAUNDRY OR LAUNDERING) (P) (AID OR ADDITIVE OR SACHET) AND
(FI
L5 12 S L4 AND SHEET#
L6 23 S LAUNDRY(P) (ARTICLE OR SUBSTRATE OR SHEET OR SACHET OR BAG
OR

FILE 'CA' ENTERED AT 11:36:25 ON 09 SEP 2003

L7 1 S L6

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L2 5 (LAUNDRY OR LAUNDERING) (P) (AID OR ADDITIVE OR SACHET) AND
(POLYP
ROPYLENE OR POLYETHYLENE OR POLYAMIDE OR TEREPHTHALATE) AND
DYE(W) (ABSORB? OR TRANSFER)

=> d 1-5 12 ti

L2 ANSWER 1 OF 5 CA COPYRIGHT 2003 ACS on STN
TI **Laundry additive sachet** for scavenging dyes
and dirt from wash water

L2 ANSWER 2 OF 5 CA COPYRIGHT 2003 ACS on STN
TI **Polymer additive** for prevention of dye-bleeding and transfer
during laundering

L2 ANSWER 3 OF 5 CA COPYRIGHT 2003 ACS on STN
TI **Laundry additive** compositions including dispersible
polyolefin and method for using same in improving fabric color
washfastness and wrinkle reduction

L2 ANSWER 4 OF 5 CA COPYRIGHT 2003 ACS on STN
TI Grafted **polyamide**-polyamines and polyethylenimines and their
preparation and use as **dye transfer** inhibitors in
laundry detergents

L2 ANSWER 5 OF 5 CA COPYRIGHT 2003 ACS on STN
TI Polymers in detergent and cleaning formulations

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L2 ANSWER 2 OF 5 CA COPYRIGHT 2003 ACS on STN
 AN 127:320235 CA
 TI Polymer **additive** for prevention of dye-bleeding and transfer
 during **laundering**
 IN May, Donald Douglas; Buck, Robert Craig
 PA E.I. Du Pont De Nemours and Co., USA
 SO PCT Int. Appl., 14 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9738077	A1	19971016	WO 1997-US6015	19970404
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,				
SE	US 5707949	A	19980113	US 1996-627516	19960404
	CA 2251174	AA	19971016	CA 1997-2251174	19970404
	AU 9727270	A1	19971029	AU 1997-27270	19970404
	AU 726568	B2	20001109		
	EP 891413	A1	19990120	EP 1997-921150	19970404
	EP 891413	B1	20021106		
	R: BE, DE, FR, GB, NL				
	JP 2000508363	T2	20000704	JP 1997-536516	19970404
PRAI	US 1996-627516	A	19960404		
	WO 1997-US6015	W	19970404		

=> d 2 12 ab

L2 ANSWER 2 OF 5 CA COPYRIGHT 2003 ACS on STN
 AB Adding a resole condensation polymer, prep'd. by reacting
 bis(hydroxyphenyl)sulfone with formaldehyde in the presence of a base, to
 a laundry detergent prevents or suppresses **dye-transfer**
 and dye-bleeding during laundering of nylon, rayon, cotton, acetate, or
 wool fabrics. Thus, 1.5 g Zelan 8236 (alk. catalyzed condensate of HCOH
 and sulfonyldiphenol) was added to Tide detergent soln., pieces of
 nylon/spandex fabric dyed red were added to the detergent soln., and the
 soln. heated to 49.degree. for 10 min; the test soln. remained clear.

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L3 3 (LAUNDRY OR LAUNDERING) (P) (AID OR ADDITIVE OR
SACHET) (P) (POLYPRO
 PYLENE OR POLYETHYLENE OR POLYAMIDE OR
TEREPHTHALATE) (P) DYE (W) (A
 BSORB? OR TRANSFER)

=> d 1-3 13 ti

L3 ANSWER 1 OF 3 USPATFULL on STN
TI Laundry additive sachet

L3 ANSWER 2 OF 3 USPATFULL on STN
TI Laundry additive compositions including dispersible polyolefin

L3 ANSWER 3 OF 3 USPATFULL on STN
TI Laundry article for preventing dye carry-over and indicator therefor

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10556 LAUNDRY
 74447 ARTICLE
 660610 SUBSTRATE
 226764 SHEET
 251 SACHET
 18520 BAG
 6562 POUCH?
 18593 WEB
 26571 NONWOVEN
 17827 WOVEN
 360 LAUNDRY(P) (ARTICLE OR SUBSTRATE OR SHEET OR SACHET OR BAG OR
 POUCH? OR WEB OR NONWOVEN OR WOVEN)
 599238 FIBER#
 3022 FIBRE#
 136297 POLYPROPYLENE
 292909 POLYETHYLENE
 112398 POLYAMIDE
 82111 TEREPHTHALATE
 87439 (FIBER# OR FIBRE#) (10A) (POLYPROPYLENE OR POLYETHYLENE OR
 POLYAMI
 DE OR TEREPHTHALATE)
 226495 DYE
 342451 ABSORB?
 646772 TRANSFER
 2577 DYE(W) (ABSORB? OR TRANSFER)
 L7 1 LAUNDRY(P) (ARTICLE OR SUBSTRATE OR SHEET OR SACHET OR BAG OR
 POUCH? OR WEB OR NONWOVEN OR WOVEN) AND (FIBER# OR
 FIBRE#) (10A) (POLYPROPYLENE OR POLYETHYLENE OR POLYAMIDE OR TEREPHTHALATE)
 AND DYE(W) (ABSORB? OR TRANSFER)

=> d 1 17 ti

L7 ANSWER 1 OF 1 CA COPYRIGHT 2003 ACS on STN
 TI Laundry additive sachet for scavenging dyes and dirt
 from wash water

=> d 1 17

L7 ANSWER 1 OF 1 CA COPYRIGHT 2003 ACS on STN
 AN 136:71573 CA
 TI Laundry additive sachet for scavenging dyes and dirt
 from wash water
 IN Porta, Antonella; Van der Heijden, Mark Pieter Adrie
 PA The Procter & Gamble Company, USA
 SO Eur. Pat. Appl., 26 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1170356	A1	20020109	EP 2000-870155	20000706
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			

WO 2002004582 A2 20020117 WO 2001-US20537 20010627
WO 2002004582 A3 20020606

W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI,
FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP,
KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX,
MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM,
TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD,
RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 2001073039 A5 20020121 AU 2001-73039 20010627

PRAI EP 2000-870155 A 20000706

WO 2001-US20537 W 20010627

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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